

Federal Trade Commission

Pt. 305, App. K

APPENDIX K TO PART 305—REPRESENTATIVE AVERAGE UNIT ENERGY COSTS

This Table contains the representative unit energy costs that must be utilized to calculate estimated annual operating cost disclosures required under sections 305.11 and 305.20. This Table is based on information published by the U.S. Department of Energy in 2007. Unless otherwise indicated by the Commission, this table will be revised in 2012.

Representative Average Unit Costs of Energy for Five Residential Energy Sources (2007)			
Type of Energy	In Commonly Used Terms	As required by DOE test procedure	Dollars per million Btu ¹
Electricity	10.65¢/kWh ^{2,3}	\$.1065/kWh	\$31.21
Natural Gas	\$1.218/therm ⁴ \$12.53/MCF ^{5,6}	\$0.00001218/Btu	\$12.18
No. 2 heating oil	\$2.22/gallon ⁷	\$0.00001601/Btu	\$16.01
Propane	\$1.87/gallon ⁸	\$0.00002047/Btu	\$20.47
Kerosene	\$2.63/gallon ⁹	\$0.00001948/Btu	\$19.48

¹ Btu stands for British thermal unit.

² kWh stands for kilo Watt hour.

³ 1 kWh = 3,412 Btu.

⁴ 1 therm = 100,000 Btu. Natural gas prices include taxes.

⁵ MCF stands for 1,000 cubic feet.

⁶ For the purposes of this table, 1 cubic foot of natural gas has an energy equivalence of 1,029 Btu.

⁷ For the purposes of this table, 1 gallon of No. 2 heating oil has an energy equivalence of 138,690 Btu.

⁸ For the purposes of this table, 1 gallon of liquid propane has an energy equivalence of 91,333 Btu.

⁹ For the purposes of this table, 1 gallon of kerosene has an energy equivalence of 135,000 Btu.

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